

CLAIM AMENDMENTS

1. (currently amended) A method of producing a sheet of coated substrate, comprising:
providing a plastic substrate;
providing a solution or dispersion of a first material that adheres to the substrate mixed with an amine terminated material, the solution having an affinity for a toner and comprising:
 - i) pigmented polymer particles, and
 - ii) a carrier liquid including a solvent of branched-chain aliphatic hydrocarbons;coating the provided substrate with the solution; and
drying the substrate coated with the solution to form a solid coating thereon.
2. (original) A method according to claim 1 wherein the amine terminated material is a diamine terminated material.
3. (original) A method according to claim 1 wherein the amine terminated material is a monoamine terminated material.
4. (original) A method according to claim 1 wherein the amine terminated material is a tri-amine terminated material.
5. (original) A method according to claim 2 wherein the amine terminated material is diamine poly (propylene oxide).
6. (original) A method according to claim 3 wherein the amine terminated material is mono-amine poly (propylene oxide).
7. (original) A method according to claim 4 wherein the amine terminated material is tri-amine poly (propylene oxide).

8. (original) A method according to claim 1 wherein the first material comprises polyvinyl alcohol.

9. (withdrawn) A method according to claim 1 wherein the first material comprises a styrene-butadiene copolymer.

10. (withdrawn) A method according to claim 1 wherein the first material comprises an acrylic ester copolymer.

11. (original) A method according to claim 1 wherein the substrate comprises PET.

12. (original) A method according to claim 1 wherein the substrate comprises polypropylene.

13. (original) A method according to claim 1 wherein the solution or dispersion also comprises sodium hydroxide.

14. (original) A method according to claim 1 wherein the dry weight of amine terminated material is between 5 and 30% of the dry weight of the coating.

15. (original) A method according to claim 14 wherein the dry weight of amine terminated material is 10% or more of the dry weight of the coating.

16. (original) A method according to claim 14 wherein the dry weight of amine terminated material is 15% or more of the dry weight of the coating.

17. (original) A method according to claim 14 wherein the dry weight of amine terminated material is 25% or less of the dry weight of the coating.

18. (withdrawn) A coated substrate produced according to the method of claim 1.

19. (withdrawn) A printed sheet comprising:
a coated sheet produced according to the method of claim 1; and
an image printed on the sheet.

20. (withdrawn) A printed sheet according to claim 19 wherein the image is printed using
a liquid toner process.

21. (withdrawn) A method of printing comprising:
providing a coated substrate according to claim 18;
printing an image on the coating using a liquid toner; and
fixing the image to the coated substrate,
wherein the adhesion of the liquid toner image to the substrate is improved over its
adhesion to a similarly coated substrate in which the coating does not include the amine
terminated material.

22. (withdrawn) A printing method according to claim 21 wherein the substrate and the
pigmented particles are both acidic.

23. (withdrawn) A printing method according to claim 21 wherein the coating forms a
substantially smooth surface.

24. (withdrawn) A printing method according to claim 21 wherein the substrate is a CD or
DVD disk.